

SEQUENCE LISTING

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YOSHIDA, HIDEAKI

<120> METHOD FOR DETECTING AND ISOLATING GENES

<130> 4001-0001C

<140> 09/816,124

<141> 2001-03-26

<150> PCT/JP97/04126

<151> 1997-11-12

<150> JP 1996-305163

<151> 1996-11-15

<160> 24

<170> PatentIn Ver. 2.1

<210> 1

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 1

ataagctttt cacatgagcg aaaaataca

29

<210> 2

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 2

atggatccct attgtaaccc gctgaagt

29

<210> 3

<211> 38

<212> DNA

<213> Artificial Sequence

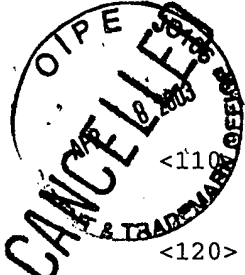
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<223> Description of Artificial Sequence: Synthetic
primer

<400> 3

atgtctcgag aattcagtaa cccaggcatt attttatc

38



C4

<210> 4
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 4
ttgtcctaga agcttggtg ctctgctgtc 30

<210> 5
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 5
cccggccggg 10

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 6
atgagctcag aaccagctgt ggaatg 26

<210> 7
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 7
ctgttctgcg ccgttacaaa accagaaagt taactg 36

<210> 8
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

primer

<400> 8

ttactttctgc tctaaaagct ggcgcgccct gcagt

35

<210> 9

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 9

tcacctaaat cgtatgtgcc agacatgata agatacat

38

<210> 10

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 10

cagttaactt tctggttttg taacggcgca gaacag

36

<210> 11

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 11

actgcagggc ggcgcagctt ttagagcaga agtaa

35

<210> 12

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 12

atgtatctta tcatgtctgg cacatacgat ttaggtga

38

<210> 13

<211> 35

<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 13

taggtaccgt cgaccctga acctgaaaca taaaa

35

<210> 14

<211> 88

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Template DNA

<400> 14

ggcgcgccct gcagtctaga gaattccac gaatcaaag gcccgggcca gaagatgcat 60
ggctcgaggc ggccgcaagc ttctatag 88

<210> 15

<211> 78

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Template DNA

<400> 15

cacatacgat ttaggtgaca ctatagaagc ttgcggccgc ctcgagccat gcatcttctg 60
gccccgggcca tttgattc 78

<210> 16

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 16

atgagctcag aaccagctgt ggaatg

26

<210> 17

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 17

ccgaggcaag cttggcctcg gcctctgcat aaa

33

<210> 18

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 18

cgaggccaag cttgcctcgg cctctgagct att

33

<210> 19

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 19

atggtaccgc ggccgcgtaa cggcgcagaa cagaaaa

37

<210> 20

<211> 634

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA inserted
on pBlue-SRalpha-Hind

<400> 20

atgagctcag aaccagctgt ggaatgtgtg tcagttaggg tgtggaaagt ccccaggctc 60
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gtccccaggc tccccagcag gcagaagtat gcaaagcatg catctcaatt agtcagcaac 180
catagtcccg cccctaactc cgcccatccc gccctaact ccgcccagtt ccgcccattc 240
tccgccccat ggctgactaa ttttttttat ttatgcagag gccgaggcca agcttgccctc 300
ggcctctgag ctattccaga agtagtgagg aggccttttt ggaggcctag gctttgggct 360
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cgcgttctgc cgcctcccgc ctgtgggtgc tcctgaactg cgtccgccgt ctaggtaagt 480
ttaaagctca ggtcgagacc gggcctttgt ccggcgctcc cttggagcct acctagactc 540
agccggctct ccacgctttg cctgaccctg cttgctcaac tctacgtctt tgtttcgttt 600
tctgttctgc gccgttacgc ggccgcggta ccat 634

<210> 21

<211> 467

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Lac operator
of POPI3

<400> 21

agcttgggtg gaatctaaaa tacacaaaca attaggatcc ctgaggagca gttctttgat 60
ttgcaccacc aggagcctca aatttttcaa taaattcacc tgactgcaca ttaggacttt 120
ggctttgagc ttcccacctc tcagttactt gctgaatact gtctgcttca tcaatattat 180
catagggtgtg cccaaatgat atttgcaacc cttccctgtt ggctacttgt ctcaccattg 240
taggcctaata gggagacgga tccgtagttt aacacattat acactagggt cgactgtgga 300
attgtgagcg ctcaacaattc cacaacctag ggtcgactgt ggaattgtga gcgctcacia 360
ttccacaacc tagggctcgac tgtggaattg tgagcgctca caattccaca acctagtaaa 420
ttttatattt accttagagc tttaaatctc tgtaggtagt ttgtcca 467

<210> 22

<211> 467

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Lac operator
of POPI3

<400> 22

agcttgggaca aactacctac agagatttaa agctctaagg taaatataaa atttactagg 60
ttgtggaatt gtgagcgctc acaattccac agtcgaccct aggttgtgga attgtgagcg 120
ctcacaattc cacagtcgac cctagggttg ggaattgtga gcgctcacia ttccacagtc 180
gaccctagtgt tataatgtgt taaactacgg atccgtctcc cattaggcct acaatgggtga 240
gacaagtagc caacagggaa gggttgcaaa tatcatttgg gcacacctat gataatattg 300
atgaagcaga cagtattcag caagtaactg agaggtggga agtcaaagc caaagtccta 360
atgtgcagtc aggtgaattt attgaaaaat ttgaggctcc tgggtgtgca aatcaaagaa 420
ctgctcctca gggatcctaa ttgtttgtgt atttttagatt ccaacca 467

<210> 23

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 23

tcgcgattcc cacgaatcaa atggc

25

<210> 24

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
primer

<400> 24

tctggcacat acgatttagg t

21